

# AIR FORCE TECHNOLOGY TRANSFER PROGRAM



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Technology Transfer Web Site:

<http://www.afrl.af.mil/techtran/index.htm>

# Air Force Technology Transfer Program

## Definition

The intentional communication (sharing) of knowledge, expertise, facilities, equipment, and other resources, for application to military and non-military systems.

## Benefit to the Air Force

Opportunity to provide expertise

Opportunity to receive:

- Royalties
- In-kind services
- Share cost of research between the AF and industry
- Spin-on technologies



## Benefit to the Partner

Use streamlined R&D collaborative procedures

Opportunity to commercialize results of Government R&D

Collaboration allows resource leveraging

Access to federal expertise and facilities



## Laws

### Bayh-Dole Act of 1980

Gave nonprofit organizations, universities and small businesses right to retain patents for technology developed using government funding

### Stevenson-Wydler Technology Innovation Act of 1980

Established technology transfer as a mission of the federal government

### Federal Technology Transfer Act of 1986

- Allowed labs to enter into Cooperative Research and Development Agreements (CRADAs) and negotiate licensing agreements
- Provided for royalty sharing
- Provided for the exchange of personnel, services and equipment

### American Technology Preeminence Act of 1991

- Authorized Partnership Intermediaries
- Authorized Education Partnership Agreements (EPAs)

### Technology Transfer and Improvement Act of 1995

Provided CRADA partner an option for an exclusive license

## Mechanisms/Tools

### Cooperative Research and Development Agreement (CRADA)

links a federal laboratory to a non-federal partner

### Patent License Agreement (PLA)

licenses the use of federally owned intellectual property

### Education Partnership Agreement (EPA)

links academic institutions with federal laboratories

### Cooperative Agreement (CA)

allows cost sharing between a federal laboratory and a non-federal partner

### Commercial Test Agreement (CTA)

allow non-federal use of federal test facilities

### Partnership Intermediary (PI)

is an agency of state/local government that assists small business firms in utilizing federal laboratory technology

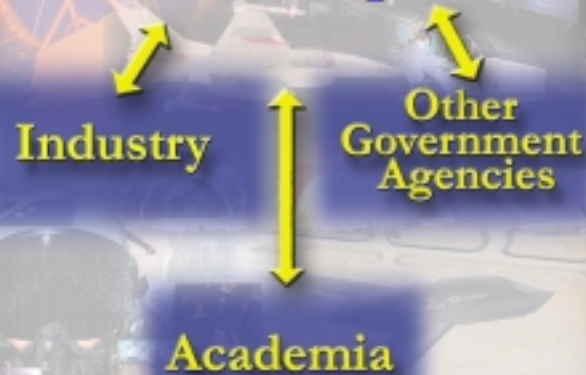
**"The first essential of air power is pre-eminence in research"**

**General H. H. Arnold, 1944**

## Transferring Technologies That Support The Warfighter



# Linking Technology with the Mission and Marketplace



## Mechanisms & Programs

CRADAs • Personnel Exchanges • PLAs  
EPAs • CAs • Use of Facilities • CTAs •  
SBIR • IR&D • DUS&T

## Laboratory Resources

• Expertise • Facilities • Equipment • Technology

## Air Force Partnership Intermediaries

- Gulf Coast Alliance for Technology Transfer (GCATT)  
<http://www.gerc.eng.ufl.edu/gcatt.htm>
- Wright Technology Network (WTN)  
<http://www.wtn.org>
- New Mexico Tech  
<http://www.nmt.edu/~ttsg>
- New York State Technology Enterprise Corporation (NYSTEC) <http://www.nystec.com>

## DoD Partnership Intermediary

- TechLink  
<http://techlink.msu.montana.edu/>

## Other Organizations

- Federal Laboratory Consortium (FLC)  
<http://www.federallabs.org/>
- United States Regional Technology Transfer Centers (US RTTCs) <http://www.usrttc.org/>





### ***AFRL VISION***

***We defend America by unleashing  
the power of innovative  
aerospace technology***

### ***AFRL MISSION***

***Leading the discovery,  
development, and integration  
of affordable warfighting  
technologies for  
our aerospace forces***

## ***Air Force Technology Transfer Strategies***

- ***Integrate technology transfer into the acquisition strategy***
- ***Identify technologies for commercial application***
- ***Market resources and technologies***
- ***Promote technology transfer training***
- ***Share AF technology with the private and public sector***

### ***Contact Information:***

***TECH CONNECT***

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